

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-023357

(43)Date of publication of application : 24.01.2003

(51)Int.Cl.	H03M 7/46	G01C 21/00	G06T 9/20
	G06T 11/60	G08G 1/137	G09B 29/00
	G09B 29/10	H04N 7/24	

(21)Application number : 2001-220061

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(22)Date of filing : 19.07.2001

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(30)Priority

Priority number : 2001134318 Priority date : 01.05.2001 Priority country : JP

(54) METHOD FOR ENCODING SHAPE VECTOR OF DIGITAL MAP, POSITION INFORMATION TRANSFER METHOD AND DEVICE FOR IMPLEMENTING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for encoding the position information of a digital map with a little data amount by utilizing the technology of compression encoding.

SOLUTION: In the encoding method for encoding data expressing a shape vector on the digital map, a node string expressing the shape vector or position information expressing a shape is subjected to arithmetic processing so as to be expressed in statistically deflected data and the statistically deflected data is encoded to reduce the data amount. When transferring the vector shape of the digital map, the amount of data to be transferred can be remarkably reduced.

・基本的な考え方と手法(曲率の符号化)

